



11/15/04

Attorney's Docket No.: 17601-032002 / 067083.0301

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick                      Art Unit : 3672  
Serial No. : 10/777,503                              Examiner : Jennifer Hawkins Gay  
Filed : February 11, 2004  
Title : THREE-DIMENSIONAL WELL SYSTEM FOR ACCESSING  
SUBTERRANEAN ZONES

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the attached form PTO-1449 with references listed accompanied by copies of any foreign patent documents and non-patent literature. The present Application was filed after June 30, 2003. Therefore, under the July 11, 2003, waiver of 37 C.F.R. § 1.98(a)(2)(i) by the U.S. Patent and Trademark Office, copies of U.S. Patents and U.S. Patent Application Publications listed in the attached PTO-1449 form are not enclosed. A copy of a communication from a foreign patent office in a related application is also enclosed.

This statement is being filed within three months of the filing of a Request for Examination filed September 29, 2004 and before the receipt of a first Office Action on the merits. No fees are believed due. Please apply any deficiencies or any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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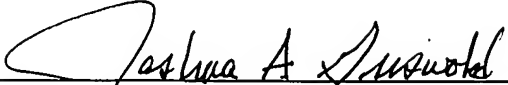
November 12, 2004  
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Applicant : Joseph A. Zupanick  
Serial No. : 10/777,503  
Filed : February 11, 2004  
Page : 2 of 2

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Respectfully submitted,

Date: 11/12/04

  
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-032002	Application No. 10/777,503
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Joseph A. Zupanick	
		Filing Date February 11, 2004	Group Art Unit 3672

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	3,744,565	07/10/1973	Brown			
	A2	4,060,130	11/29/1977	Hart			
	A3	2002/0043404 A1	04/18/2002	Trueman et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	EP 1 316 673 A2	06/04/2003	EPO			N/A	
	B2	SU-876968	10/30/1981	Russia				X

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	C1	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (5 pages) and Written Opinion of the International Searching Authority (6 pages) re International Application No. PCT/US2004/012029 mailed September 22, 2004
	C2	Brunner, D.J. and Schwoebel, J.J., "Directional Drilling for Methane Drainage and Exploration in Advance of Mining," REI Drilling Directional Underground, World Coal, 1999, 10 pages
	C3	Thakur, P.C., "A History of Coalbed Methane Drainage From United States Coal Mines," 2003 SME Annual Meeting, February 24-26, Cincinnati, Ohio, 4 pages
	C4	U.S. Climate Change Technology Program, "Technology Options for the Near and Long Term," 4.1.5 Advances in Coal Mine Methane Recovery Systems, pp. 162-164
	C5	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (3 pages) and Written Opinion of the International Searching Authority (7 pages) re International Application No. PCT/US2004/017048 mailed October 21, 2004
	C6	Gardes, Robert, "Multi-Seam Completion Technology," Natural Gas Quarterly, E&P, June 2004, pp. 78-81
	C7	Baiton, Nicholas, "Maximize Oil Production and Recovery," Vertizontal Brochure, received 10/2/2002, 4 pages
	C8	Dreiling, Tim, McClelland, M.L. and Bilyeu, Brad, "Horizontal & High Angle Air Drilling in the San Juan Basin, New Mexico," Dated on or about 3/6/2003, pp. 1-11

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
		Filing Date February 11, 2004	Group Art Unit 3672

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	C9	Fong, David K., Wong, Frank Y., and McIntyre, Frank J., "An Unexpected Benefit of Horizontal Wells on Offset Vertical Well Productivity in Vertical Miscible Floods," Canadian SPE/CIM/CANMET Paper No. HWC94-09, paper to be presented March 20-23, 1994, Calgary, Canada, 10 pages
	C10	Fischer, Perry A., "What's Happening in Production," World Oil, June 2001, p. 27
	C11	Website of PTTC Network News Volume 7, 1 <sup>st</sup> Quarter 2001, Table of Contents, <a href="http://www.pttc.org/..news/v7n1nn4.htm">http://www.pttc.org/..news/v7n1nn4.htm</a> printed 04/25/2003, 3 pages
	C12	Cox, Richard J.W., "Testing Horizontal Wells While Drilling Underbalanced," Delft University of Technology, August 1998, 68 pages
	C13	McLennan, John, et al., "Underbalanced Drilling Manual," Gas Research Institute, Chicago, Illinois, GRI Reference No. GRI-97/0236, copyright 1997, 502 pages
	C14	The Need for a Viable Multi-Seam Completion Technology for the Powder River Basin, Current Practice and Limitations, Gardes Energy Services, Inc., Believed to be 2003 (8 pages)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	